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Amendments to the Abstract:

ABSTRACT

The A pressure sensor of the invention for measuring a pressure difference between a pressure being measured and the ambient atmospheric pressure surrounding the pressure sensor, includes including a platform 10 and a membrane 11 loadable with a pressure being measured. The membrane is secured at its edge to the platform, with a pressure chamber thus being formed between the platform 10 and the measuring membrane. The pressure chamber communicates over a reference air path with the atmosphere, with the reference air path being a winding path.

(Fig. 1)